20220727.0123001

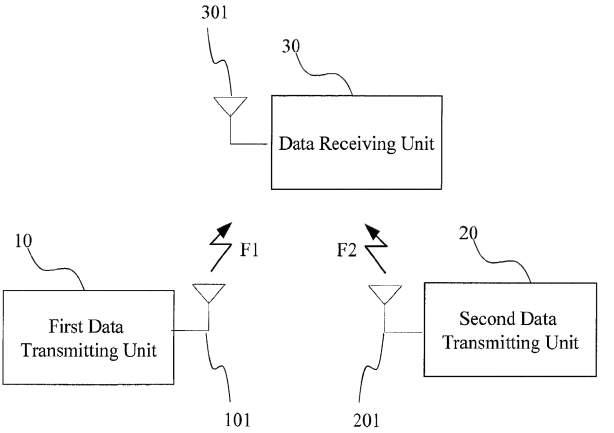

FIG.1

CN 102370497 A 2012.03.07

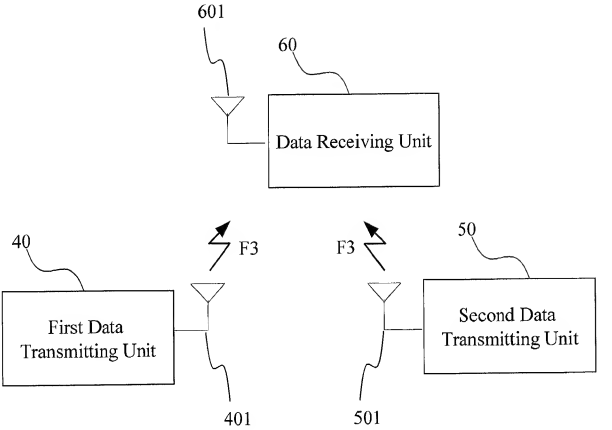

FIG.2

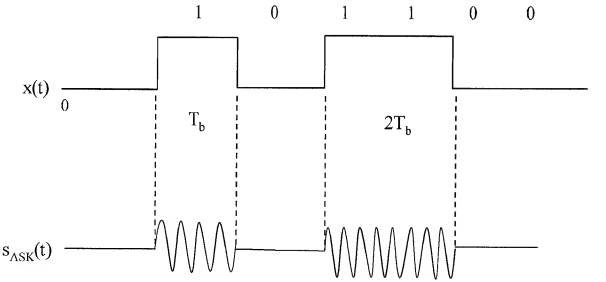

FIG.3

20020702 2020

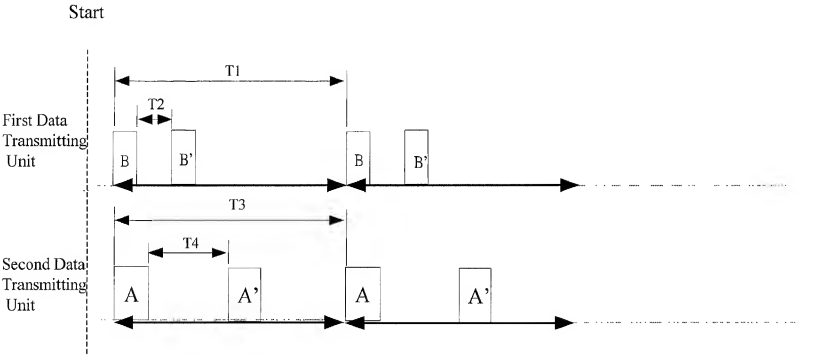

FIG.4

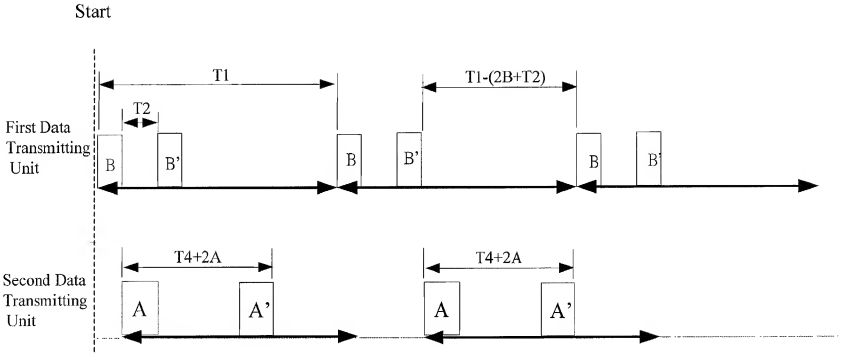
Start
T1
T1-(2B+T2)
T2
First Data Transmitting Unit
B
B'
B
B'
B
B'
T4+2A
T4+2A
Second Data Transmitting Unit
A
A'
A
A'

FIG.5

20220707 2218S001

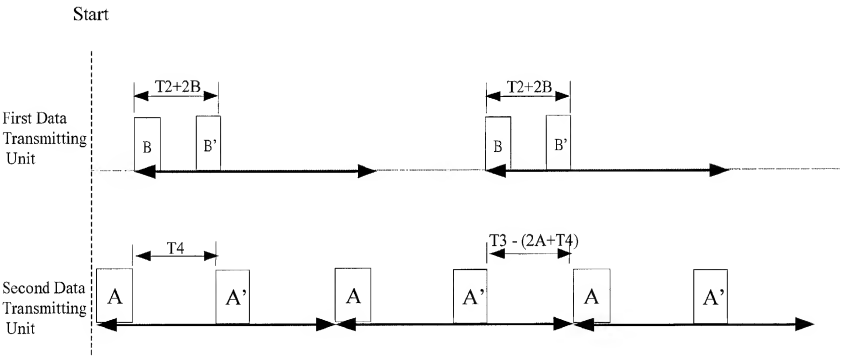

FIG.6

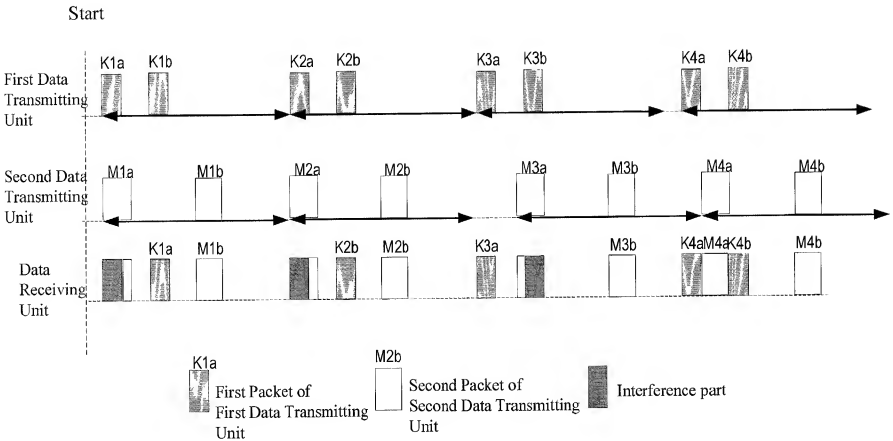
Start
First Data Transmitting Unit
Second Data Transmitting Unit
Data Receiving Unit
K1a
K1b
K2a
K2b
K3a
K3b
K4a
K4b
M1a
M1b
M2a
M2b
M3a
M3b
M4a
M4b
K1a
M1b
K2b
M2b
K3a
M3b
K4aM4aK4b
M4b
K1a
First Packet of First Data Transmitting Unit
M2b
Second Packet of Second Data Transmitting Unit
Interference part

FIG.7

FIG.8A

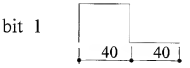

FIG.8B

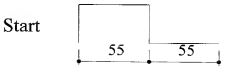

FIG.8C

FIG.8D

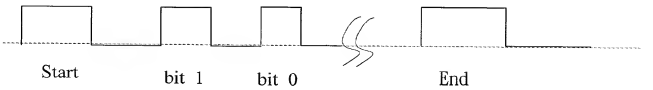

FIG.8E

20220127185001

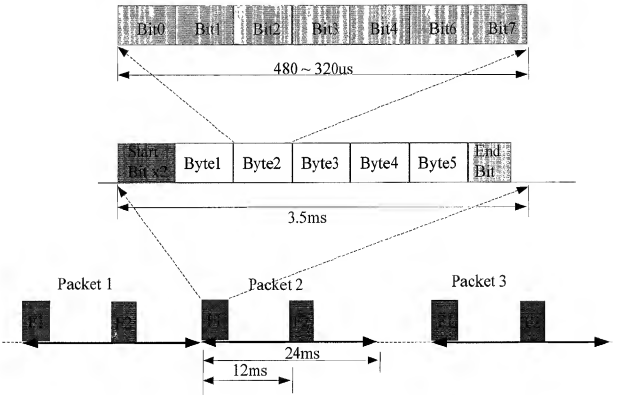

FIG.9

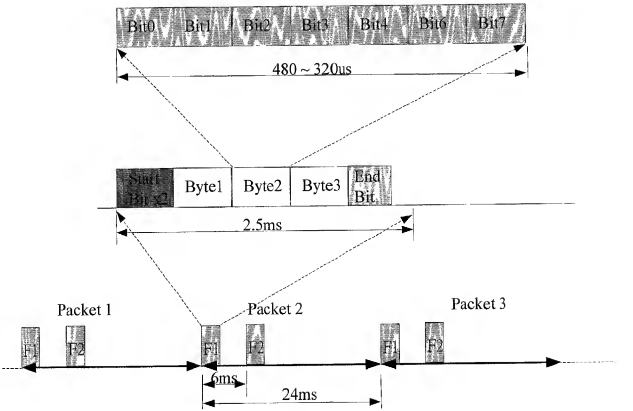
Bit0
Bit1
Bit2
Bit3
Bit4
Bit6
Bit7
480 ~ 320us
Start Bit x2
Byte1
Byte2
Byte3
End Bit
2.5ms
Packet 1
Packet 2
Packet 3
F1
F2
6ms
24ms

FIG.10

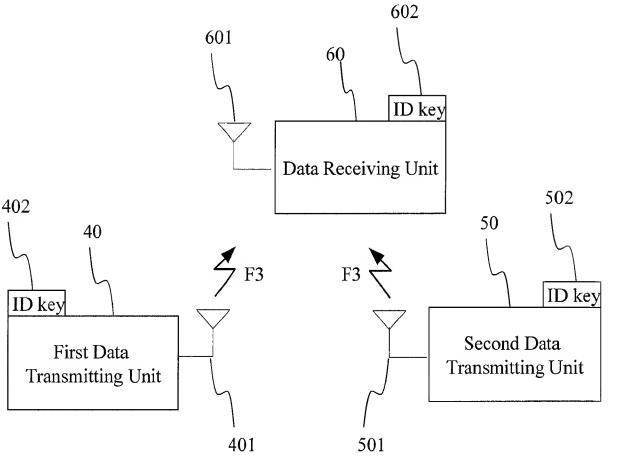
602
601
60
ID key
Data Receiving Unit
402
40
502
50
F3
F3
ID key
ID key
First Data
Transmitting Unit
Second Data
Transmitting Unit
401
501

FIG.11

Byte	Description	7	6	5	4	3	2	1	0
1	Packet Command	Device Type		Seq. no	Bat. Low	Set	M	R	L
2	X	X7	X6	X5	X4	X3	X2	X1	X0
3	Y	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
4	Mouse Command	YS	XS	B5	B4	Z3	Z2	Z1	Z0
5	Checksum	ChkSum							

TABLE.1

Byte	Description	7	6	5	4	3	2	1	0
1	Packet Command	Device Type		Seq. no	Bat. Low	Set		M/ B	End
2	Scanned Key	Key Number							
3	Checksum	ChkSum							

TABLE.2

Byte	Description	7	6	5	4	3	2	1	0
1	Packet Command	Device Type		Seq. no	Bat. Low	Set	Count Down		
2	X	New ID							
3	Y	ChkSum							
4	Mouse Command	$\overline{\text{ChkSum}}$							
5	Checksum	ChkSum							

TABLE.3

Byte	Description	7	6	5	4	3	2	1	0
1	Packet Command	Device Type		Seq. no	Bat. Low	Set	Count Down		
2	Scanned Key	New ID							
3	Checksum	ChkSum							

TABLE.4